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Subject: 10/780,106

Please ask Ms. Beverly Shears to perform this search.

In application 10/780,106, please perform a text search for the following claims. Please include an inventor's name search for James B. Dale.

Claim 1. A hybrid fusion polypeptide (fusion protein) comprising:

- (a) a multivalent portion that comprises at least two immunogenic amino-terminal polypeptides of Group A streptococcal M protein from at least two different Group A streptococcal serotypes wherein each of the at least two immunogenic amino-terminal polypeptides is at least 10 amino acids in length; and
- (b) a carboxy-terminal reiterated immunogenic polypeptide, which is carboxy-terminal to the multivalent portion and is a reiteration of a polypeptide from the amino-terminal region of the multivalent portion.

Claim 2. The hybrid fusion polypeptide according to claim 1 wherein at least one of said immunogenic amino-terminal polypeptides of the fusion polypeptide is from a Group A streptococcal serotype selected from the group consisting of 1, 2, 3, 4, 5, 6, 11, 12, 13, 14, 18, 19, 22, 24, 28, 30, 48, 49, 52 and 56.

Claim 3. A hybrid fusion polypeptide comprising

- (a) a multivalent immunogenic portion that comprises six immunogenic amino-terminal polypeptides of Group A streptococcal M protein from six different Group A streptococcal serotypes wherein each of the six immunogenic amino-terminal polypeptides is at least 10 amino acids in length; and
- (b) a carboxy-terminal reiterated immunogenic polypeptide, which is carboxy-terminal to the multivalent portion and is a reiteration of a polypeptide from the amino-terminal region of the multivalent portion.

Claim 4. The hybrid fusion polypeptide according to claim 3 wherein the six different Group A streptococcal serotypes are 1, 3, 5, 6, 19, and 24.

Claim 5. The hybrid fusion polypeptide according to claim 1 wherein the multivalent portion of the fusion polypeptide consists of comprises ten immunogenic amino-terminal polypeptides of Group A streptococcal M protein from ten different Group A streptococcal serotypes.

Claim 6. The hybrid fusion polypeptide according to claim 5 wherein the ten different Group A streptococcal serotypes are 1, 3, 5, 6, 18, 19, 22, 24, 28, and 30.

Thanx.

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